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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently amended) A method to treat neovascular disease of the eye, comprising:

administering a conjugate comprising a targeted photosensitizing compound conjugated to a targeting moiety that selectively binds to abnormal endothelium that lines or composes neovascular target tissue in the eye;

allowing sufficient time to permit the non-specifically bound conjugate to clear from non-target tissue; and

illuminating the neovascular tissue with light <u>including a wavelength</u> corresponding at least in part with the characteristic light absorption wavelength of the photosensitizing compound for a period of time sufficient to activate the photosensitizing <u>compound</u>; <u>eompound</u> <u>wherein</u>:

thereby causing damage to neovascular tissue, but without impairing or destroying other tissue, wherein

a combination of an intensity of light used for the step of illuminating and a duration of illumination is selected to produce a total fluence of irradiation such that the neovascular <u>target</u> tissue is destroyed and the non-target tissue through which the light passes remains undamaged.

- 2. (Previously presented) The method of claim 1, wherein the light is non-coherent light.
- (Previously presented) The method of claim 1, wherein the light is coherent light.
- 4. (Previously presented) The method of claim 1, wherein the neovascular tissue is present in retina, choroid or both.
- 5. (Original) The method of claim 1, wherein the treated neovascular disease is diabetic retinopathy.

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6. (Original) The method of claim 1, wherein the treated neovascular disease is macular degeneration.

Claims 7 - 10 (Cancelled)

- 11. (Currently amended) The method of claim 1, wherein the targeted photosensitizing compound is bound to targeting moiety is a first member of a binding pair and wherein a second member of the binding pair is selected from the group consisting of a receptor present on abnormal endothelium; a ligand bindable to a receptor present on abnormal endothelium; an antigen present on abnormal endothelium; and an antibody bindable to an antigen present on abnormal endothelium.
- 12. (Currently amended) The method of claim 11, wherein the targeted photosensitizing compound conjugate is incorporated into a liposomal preparation.

Claims 13 -15 (Cancelled)

- 16. (Currently amended) The method of claim 1, wherein the targeted photosensitizing compound is bound to targeting moiety is a bi-specific antibody construct that further comprises both a ligand component and a receptor component.
- 17. (Currently amended) The method of claim 16, wherein the targeted photosensitizing compound conjugate is incorporated into a liposomal preparation.
- 18. (Previously presented) The method of claim 1, wherein the photosensitized neovascular tissue is illuminated for at least 4 minutes.
- 19. (Previously presented) The method of claim 1, wherein the photosensitized neovascular tissue is illuminated for at least 20 minutes.
- 20. (Previously presented) The method of claim 1, wherein the photosensitized neovascular tissue is illuminated for at least 1 hour.
- 21. (Previously presented) The method of claim 1, wherein the photosensitized neovascular tissue is illuminated for at least 24 hours.

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- 22. (Currently amended) The method of claim 1, wherein the neovascular tissue is treated with a total fluence of light irradiation from between about 240 J/cm² to about 900 J/cm².
- 23. (Previously presented) The method of claim 2, wherein the noncoherent light source is a light emitting diode.
- 24. (Previously presented) The method of claim 2, wherein the noncoherent light source is ambient light.

Claims 25 - 35 (Cancelled)

- 36. (Original) A method of instructing a person to treat neovascular disease of the eye, comprising instructing a person to conduct a method according to claim 1.
 - 37. (Cancelled)
- 38. (Currently amended) The method of claim 1, wherein the targeted photosensitizing compound is conjugated to targeting moiety is an antibody that binds to a VEGF receptor.
- 39. (Currently amended) The method of claim 1, wherein the targeted photosensitizing compound is conjugated to targeting moiety is VEGF.
- 40. (Currently amended) The method of claim 1, wherein the targeted photosensitizing compound binds to targeting moiety is a VEGF receptor.
- 41. (Currently amended) The method of claim 1, wherein the targeted photosensitizing compound is a chlorin.
- 42. (New) The method of claim 1, wherein the photosensitizing compound is selected from the group consisting of chlorins, bacteriochlorophylls, phthalocyanines, porphyrins, purpurins, merocyanines, psoralens, benzoporphyrin derivatives (BPD), porfimer sodium, δ -aminolevulinic acid protoporphyrin, indocyanine green (ICG), methylene blue, toluidine blue, texaphyrins, pyropheophorbide compounds, bacteriochlorophyll derivatives, alkyl ether analogs of chlorins, verteporfin and benzoporphyrin derivatives.
- 43. (New) The method of claim 1, wherein the photosensitizing compound is verteporfin or texaphyrin.

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- 44. (New) The method of claim 1, wherein the photosensitizing compound is indocyanine green.
- 45. (New) The method of claim 1, wherein a combination of an intensity of light of less than 500 mW/cm² and a duration of illumination of at least 4 minutes is selected to produce a total fluence of light irradiation from between about 30 J/cm² to about 25,000 J/cm².
- 46. (New) A method to treat neovascular disease of the eye, comprising:

administering a targeted photosensitizing compound that selectively binds to abnormal endothelium that lines or composes neovascular tissue in the eye; and

illuminating the neovascular tissue with light for a period of time sufficient to activate the photosensitizing compound thereby causing damage to neovascular tissue, but without impairing or destroying other tissue, wherein

a combination of an intensity of light used for the step of illuminating and a duration of illumination is selected to produce a total fluence of irradiation such that the neovascular tissue is destroyed and the non-target tissue through which the light passes remains undamaged, wherein

the neovascular tissue is treated with a total fluence of light irradiation from between about 240 J/cm² to about 900 J/cm².

- 47. (New) The method of claim 46, wherein the light is non-coherent light.
- 48. (New) The method of claim 47, wherein the non-coherent light source is a light emitting diode.
- 49. (New) The method of claim 47, wherein the non-coherent light source is ambient light.